

# Converting Colors

Hex(59014D)

Have a look what the booklet for  
Hex(59014D) contains.

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# Color

**Hex(59014D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59014D
RGB	89, 1, 77
RGB Percent	35%, 0%, 30%
CMY	0.6510, 0.9961, 0.6980
CMYK	0.00, 0.99, 0.13, 0.65
HSL	308°, 98%, 18%
HSV	308°, 99%, 35%
XYZ	5.4702, 2.6814, 7.2504
YIQ	35.9760, 28.0520, 42.2920

# Conversions

## Conversions Part 2

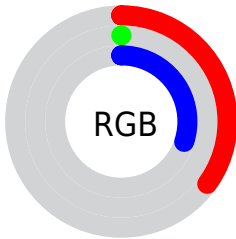
Format	Color
<a href="#">RYB</a>	<a href="#">89, 1, 77</a>
Decimal	<a href="#">5833037</a>
CIELab	<a href="#">18.72, 43.39, -21.20</a>
CIELCh	<a href="#">19, 48.294, 333.958</a>
Yxy	<a href="#">2.6814, 0.3552, 0.1741</a>
Android (android.graphics.Color)	<a href="#">4284023117 (0xFF59014D)</a>
YUV	<a href="#">35.9760, 20.2248, 46.5020</a>
Hunter-Lab	<a href="#">16.3749, 30.9739, -14.7898</a>

# Details

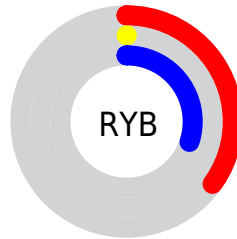
The Hex color **59014D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **01590D**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **8E3C7E**, and **2A0021** is the 20% darker color. If you saturate the color by 10%, you get **59004D**, and if you desaturate by 10%, it is **590A4E**.

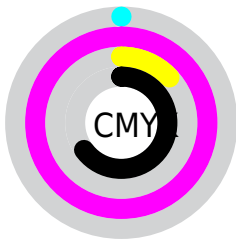
# Distribution



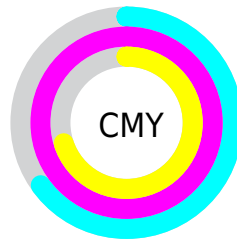
- Red (35%)
- Green (0%)
- Blue (30%)



- Red (35%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (99%)
- Yellow (13%)
- Black (65%)



- Cyan (65%)
- Magenta (100%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59014D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 59014D by changing the saturation by 10% instead.



 59014D

 59014D

 FFFBFF

 400036

 8E3C7E

 2A0021

 AA5698

 000004

 C670B3

 000000

 E28ACF

 FFA5EB

 FFC1FF

 FFDEFF

 59014D

 59014D

■ 59004D

■ 590A4E

■ 59134F

■ 591C51

■ 592552

■ 592D53

■ 593654

■ 593F55

■ 594857

■ 595158

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2E2169



59014D



68002B

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59014D



352E00



003B54

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59014D



01590D

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



003B31



59014D



0E3600

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59014D



511F00



003A0B



00396D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59014D



660014



003A0B



003C49



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59014D



73506E



0D0159



3B2638



BABABA



3B3B3B



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59014D



730063



590121



2B272B



6B005C



EB00CB



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59014D



730063



015939



2B272B



6B005C

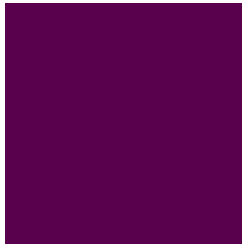


EB00CB



# Previews

## White Background



This preview shows how the Hex color 59014D looks on a white background.

## Color Contrast Check

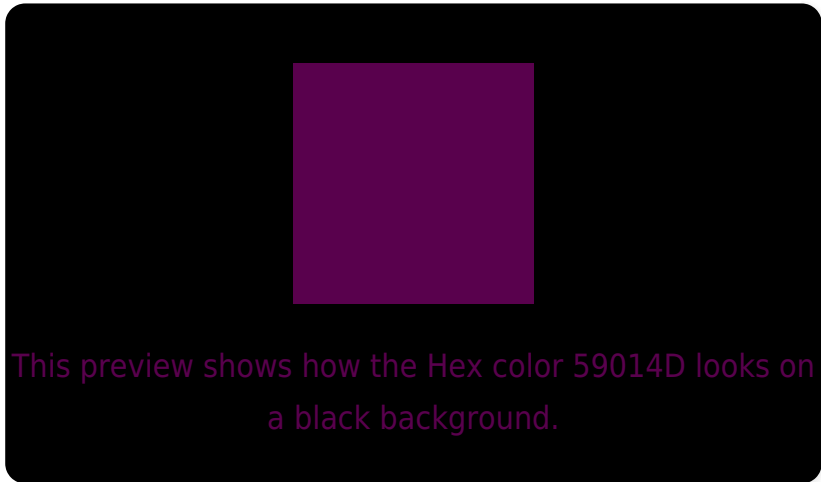
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

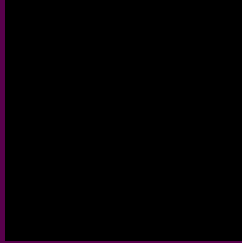
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59014D Background



This preview shows how black text looks on a background with the Hex color 59014D.

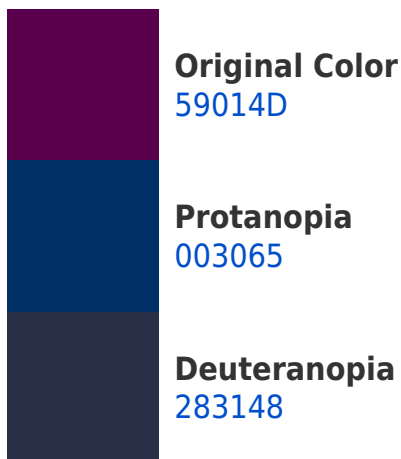


This preview shows how white text looks on a background with the Hex color 59014D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
551E20

# Trichromacy



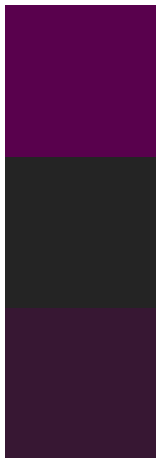
**Original Color**  
59014D

**Protanomaly**  
201F5C

**Deuteranomaly**  
3A204A

**Tritanomaly**  
561330

# Monochromacy



**Original Color**  
59014D

**Achromatopsia**  
242424

**Achromatomaly**  
371733

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59014D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #59014D looks like.

```
.text, #text, p{  
    color:#59014D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #59014D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59014D
}
```

## Border

The CSS property to change the border of an element to Hex 59014D is called "border". The border property can be set on classes, ids or directly on the HTML element.

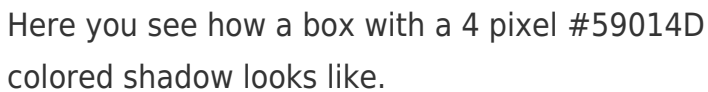
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59014D }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#59014D }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #59014D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59014D; -webkit-box-shadow:4px 4px  
4px 4px #59014D; box-shadow:4px 4px 4px  
4px #59014D }
```

# Background

The CSS property to change the background color of an element to Hex 59014D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59014D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#59014D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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